

## ***Now is the Time to Plan for EVR Upgrades...***

***Gasoline Dispensing Facilities (GDFs)  
with underground storage tanks  
subject to Phase II vapor recovery  
requirements will need to upgrade to  
Enhanced Vapor Recovery (EVR) by ...***

**APRIL 1, 2009**



***How do I know if my GDF is subject  
to EVR?***

If your GDF has a Phase II vapor recovery system and an underground storage tank, then it will probably need to be upgraded. GDFs in air districts that are in attainment with the state ozone standard may be exempt from EVR. Check with your local air district to verify if EVR applies to you and to find about other local vapor recovery requirements.

***Are new installations subject to EVR  
now?***

Yes. New GDFs, even in ozone attainment air districts, must install EVR systems.

***Could my existing GDF be subject to  
EVR requirements before April 2009?***

Yes. Changes to a GDF that qualify as a "major modification" can require immediate upgrades or changes prompted by other agencies, such as the local water quality control agency. Contact your local air district before initiating site changes.



**California Air Resources Board  
Vapor Recovery Program  
Monitoring and Laboratory Division  
P.O. Box 2815  
Sacramento, CA 95812  
(916) 327-0900**

***For more information go to:  
<http://www.evrhome.org/> and  
<http://www.arb.ca.gov/vapor/vapor.htm>***

***For the vapor recovery contact list go to:  
<http://www.arb.ca.gov/vapor/distcontjul08.pdf>***

For information in alternative formats:  
(916) 323-4916 (voice, ARB ADA Coordinator)  
(916) 324-9531 (TDD, Sacramento area only)  
(800) 700-8326 (TDD, outside of Sacramento)

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**State of California  
Air Resources Board**

## **ENHANCED VAPOR RECOVERY PROGRAM**

**What Gasoline Dispensing  
Facilities, Local Permitting  
Agencies and Contractors  
Need to Know about...**

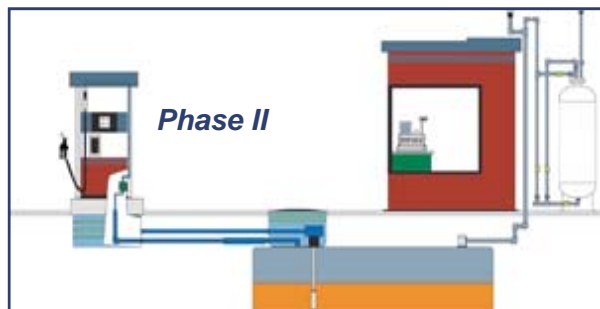
**Enhanced Vapor Recovery  
(EVR) and the  
APRIL 2009 Phase II  
DEADLINE**



**Monitoring and Laboratory Division  
[www.arb.ca.gov/vapor/vapor.htm](http://www.arb.ca.gov/vapor/vapor.htm)  
(916) 327-0900  
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## What is Enhanced Vapor Recovery (EVR)?

Vapor recovery systems collect gasoline vapors that would otherwise escape into the atmosphere during bulk fuel delivery (Phase I) or vehicle refueling (Phase II). These vapors are a major culprit in the formation of smog.



The EVR program provides more stringent requirements for vapor recovery systems in order to reduce gasoline vapor emissions. Some EVR requirements, such as the installation of EVR Phase I systems and upgrades to make Phase II systems compatible with new vehicles, have already been accomplished. The next deadline requires additional Phase II equipment, including vapor processors, by April 1, 2009.

The final EVR deadlines relate to in-station diagnostics, or ISD. ISD monitors the performance of the vapor recovery systems and triggers alarms when failures occur. If corrective action is not taken, ISD may lead to station shut-down.

<b>Annual Throughput (gal)</b>	<b>ISD Requirement</b>
More than 1.8 million	Install ISD by Sept. 2009
Less than 1.8 million but more than 600,000	Install ISD by Sept. 2010
Less than 600,000	Exempt from ISD

## For Gasoline Dispensing Facilities:

### How do I find out what EVR systems are available?

Executive Orders for EVR Phase II systems, both with and without ISD, are available at: [www.arb.ca.gov/vapor/eo-evrphaseII.htm](http://www.arb.ca.gov/vapor/eo-evrphaseII.htm).

### Will other EVR Phase II systems be certified before the April 2009 deadline?

Additional systems **may** be certified by the 4th quarter 2008. It is recommended that stations plan now for EVR upgrades in order to avoid possible delays and to ensure compliance by April 2009.

### Are there any EVR exemptions?

No, but extensions have been approved for GDFs with condensate pots or GDFs where dispensers and a truck loading rack share the same UST. Dispensing facilities that serve only vehicle fleets that are equipped with onboard refueling vapor recovery (ORVR) may qualify for a Phase II vapor recovery exemption. Check with your local air district for more information.

### Who will be enforcing the EVR deadlines?

Local air districts are responsible for enforcing compliance deadlines for EVR.

### How can I stay informed on EVR activities?

ARB and local air districts offer public information meetings on EVR and ISD throughout the state. Check ARB's website for more information on upcoming outreach activities.

## For Contractors:

### What are the requirements for Contractors?

Contractors who install EVR systems must be trained and certified by the manufacturer. Also, some air districts require district training or International Code Council (ICC) certification as an approved vapor recovery installer. Contractors should verify training and certification requirements with air district staff before beginning installation of EVR systems.

In the next year about 12,000 GDFs will need to obtain permits, purchase EVR equipment and arrange for installation by a certified contractor. There is a potential shortage of certified contractors if GDF operators wait too long to install EVR systems.

## For Local Permitting Agencies:

California service stations obtain construction and operation permits from the local air district. Installation of vapor recovery equipment may also trigger reviews from other local permitting agencies. This will create excess demand for assistance from:

- **Local CUPAs**
- **Local Cities and Counties**
- **Local Planning Commissions**
- **Local Fire Districts**
- **and Certified Contractors**

**For help in gathering information for EVR permits, visit [www.evrhome.org](http://www.evrhome.org).**

**For California Air Districts:** <http://www.capcoa.org/districts.php>  
**For Vapor Recovery Executive Orders:** <http://www.arb.ca.gov/vapor/eo.htm>

**For Permitting Assistance:** <http://www.evrhome.org>

**For ARB Vapor Recovery Advisory #373-EVR Phase II System Update:** <http://www.arb.ca.gov/vapor/advisories/adv373.pdf>